

ABSTRACT OF THE DISCLOSURE

A sign of abnormality of a valve apparatus during its operation is grasped, an abnormal position and a portion requiring repair are specified, a range of inspection of an electric valve is limited and the degree of the sign of abnormality is judged without touching at all the valve apparatus. A driving force sensor provided to a driving portion of a valve apparatus is connected to a diagnosing apparatus, an energy sensor for detecting feed energy to the driving portion and a vibration sensor for detecting vibration of the valve apparatus are provisionally fitted to the valve apparatus. A data conversion unit converts the detection signals outputted from these three kinds of sensors to predetermined signals. An analytical diagnosing processing of diagnostic data information for each diagnostic item is conducted by referring to an allowance value of each diagnostic item and to a maintenance record inclusive of the diagnostic result to judge whether the valve apparatus is normal or abnormal to further conduct degradation estimation.

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